Steven L. Finkelstein

Contact Information

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Research Interests

I study how the first galaxies formed in the early universe, characterizing their nature, and investigating their impact on the universe around them. This requires a combination of deep imaging and spectroscopy from *JWST*, with followup observations from the largest ground-based telescopes, and deep involvement with theoretical interpretation.

Academic Positions

The University of Texas at Austin, Austin, TX

Director, Cosmic Frontier Center	Fall 2023 – Present
Isabel McCutcheon Harte Centennial Chair	Fall 2023 – Present
Professor	Fall 2022 – Present
Associate Professor	Fall 2017 – Summer 2022
Assistant Professor	Fall 2012 – Summer 2017

The University of Texas at Austin, Austin, TX — Sept. 2011 – Aug. 2012

Hubble Fellow
- Faculty Contact: Professor Karl Gebhardt

Texas A&M University, College Station, Texas — Sept. 2008 – Aug. 2011

Postdoctoral Research Associate
- Faculty Advisor: Professor Casey Papovich

Education

Arizona State University, Tempe, Arizona

Ph.D. Physics, Emphasis in Astronomy — August 2008
- Advisor: Professor James E. Rhoads
- Dissertation: Physical Properties and Dust Effects in High-Redshift Lyman Alpha Galaxies

University of Washington, Seattle, Washington

B.S. Astronomy and Physics — June 2003

Honors and Awards

- 2025 AAS Fred Kavli Plenary Lectureship
- 2025 Inducted into UT Austin Academy of Distinguished Teachers
- 2024 IOP Top Cited Paper Award
- 2023 UT Austin Research Leaders Academy
- 2020 UT Austin Provost's Teaching Fellowship
- 2017-2018 Dads' Association Centennial Teaching Fellowship
- 2017 Asa Briggs Visiting Fellow, University of Sussex
- 2016 UT Austin College of Natural Sciences Teaching Excellence Award
- 2015-2016 McDonald Observatory Board of Visitors Teaching Excellence Award
- Hubble Prize Postdoctoral Fellowship (awarded in 2011)

Publications

Summary: ∼350 papers published in or submitted to peer-reviewed journals, with an h-index of 86. Of these, I am the lead author on 25 papers, which have ∼4000 citations combined. The full publication list is on page 4.

Selected Teaching Experience

INSTRUCTOR, The University of Texas at Austin — 2013 – Present

- Instructor of AST376R, a ∼20-student practical research methods course (Fall 2024)
- Instructor of AST301-WB, a 600-student web-based intro course (Spring 2024 & 2025)
- Instructor of AST386, a graduate course on galaxy evolution (2015 & 2023).
- Instructor of AST301, a 200-student astronomy survey course (>10×)
- Instructor of AST376, an experiential observing course (2018 & 2020).
- Instructor of AST358, an upper-level undergrad course on galaxies (2017 & 2018).

Awarded Grants

Summary: Total of $7.65M awarded as PI since starting as faculty in 2012 (including $1.3M as Admin PI for grants led by students or postdocs under my supervision). Highlights from the past five years are:

JWST Cycle 3 GO Grants: $774,338

- *The CANDELS-Area Prism Epoch of Reionization Survey (CAPERS)*, $346,964
- *MEOW: The MIRI Early Obscured-AGN Wide Survey*, $177,208
- *COSMOS-3D*, $43,545
- *Deep Spectroscopy of Galaxies at z=4-14*, $59,703
- *A Spectroscopic Census of Faint, Broad-Line AGN at $z > 5$* , $94,529
- *What really are the Physical Properties of Galaxies in the EoR?*, $42,389

2022 UT Austin Spark Grant, $200,000

- *Solving Reionization with ERMOS on the Giant Magellan Telescope*

JWST Cycle 2 GO Grant: $60,000, *Breaking the z=10 barrier with MIRI*

JWST Cycle 1 GO Grants: $525,428

- *Confirming a Potential Ultra-Massive Galaxy at $z = 10.57$* (Proposal PI), $60,301
- *NGDEEP: Next Generation Deep Extragalactic Exploratory Public Survey* (Proposal Co-PI), $309,297
- *The JWST-legacy narrow-band survey of H-alpha and [OIII] emitters in the epoch of reionization*, $96,103
- *PRIMER: Public Release IMaging for Extragalactic Research*, $59,727

JWST Cycle 1 Early Release Science Grant, $1.3M Proposal PI, Individual grant $430,470, *Cosmic Evolution Early Release Science Survey*

2021 NASA ADAP Grant, $495,418

- *Leveraging Spitzer and VIRUS to Investigate Reionization and the Growth of Massive Cosmic Structures*

2020 NSF AAG Grant, $229,660

- *The Onset of Star-Formation Quenching in Massive Galaxies in the Early Universe*

2019 NSF AAG Grant, $459,079

- *Leveraging HETDEX to Understand Lyα, Galaxy Evolution, and Reionization*

Postdoc Advising

Lead advisor for 7 postdocs, including four previous who all found next positions in academia (two prize postdocs, one permanent position). My three current postdocs are:

- CFC Fellow Dr. Vasily Kokorev, who is working on black holes with JWST.
- Dr. Anthony Taylor, leading my groups work on spectroscopy with JWST.
- Hubble Fellow Dr. Seiji Fujimoto, who is working on JWST and ALMA projects.

Graduate Advising Experience

I have served as the lead advisor for 11 graduate students, including five currently. Five previous students earned their PhD's; all three who sought a career in academia obtained postdoc positions. My five current graduate students are:

- 1st year Ansh Gupta (NSF GRFP Fellow), studying black holes at early times.
- 1st year Natalia Villanueva, studying spatially-resolved high-z galaxies.

- 4th year Alexa Morales (NSF GRFP Fellow), studying enrichment at high-z.
- 5th year Óscar Chávez Ortiz (NASA FINESST Fellow), studying physical properties of high-z galaxies identified by HETDEX in the *Euclid* NEP Deep Field.
- 5th year Katie Chworowsky (NSF GRFP Fellow), studying the abundance and properties of massive quiescent galaxies at high redshift.

Undergraduate Advising Experience

I have worked with ∼30 undergraduate students while at UT Austin, including 10 currently. Of those who have graduated, 12 went on to graduate school, and five led their own publications (two peer-reviewed, three research notes).

Selected Service and Professional Experience

Chair, Giant Magellan Telescope Science Advisory Committee — 2023–Present
College of Natural Sciences Promotion and Tenure Committee — 2023–Present
Invited Testimony, US House of Representatives — Nov 2022
Associate Department Chair, Department of Astronomy — 2019–2023
Member, Hubble Space Telescope Users Committee — 2018 – 2021
Member, NASA Cosmic Origins Executive Committee — 2018 – 2021
Chair, Department Peer Teaching Review Committee — 2018 –2024
PI, JWST Cosmic Evolution Early Release Science Collaboration — 2017–Present
Chair, McDonald Observatory Faculty Advisory Committee — 2017–2023
Assistant Graduate Advisor — 2016–2019
Referee for ApJ, ApJL, MNRAS, A&A, Science and Nature

Recent Invited Talks

1. Colloquium, Space Telescope Science Institue, Baltimore, MD, Oct 2024
2. 2024 Tinsley Workshop, Yale University, Oct 2024
3. Texas A&M University Colloquium, Sept 2024
4. Cambridge Institute of Astronomy 50th Anniversary Conference, July 2024
5. University of Minnesota Colloquium, Dec 2023
6. Trottier Space Institute Seminar, McGill University, Dec 2023
7. "JWST Turns One", Sesto, Italy, July 2023
8. Osservatorio Astronomico di Roma Colloquium, July 2023
9. Munich Joint Astronomy Colloquium, June 2023
10. National Academy of Sciences Science Week Plenary, Remote, March 2023

Recent Press Releases

- "Frontier Fellows Tackle Humanity's Biggest Question: Where Do We Come From?", Oct 2024, launch of the Cosmic Frontier Center
- "Early Galaxies Weren't Too Big for Their Britches After All", Aug 2024 press release based on high abundance of early massive galaxies
- "Astronomers Confirm Maisie's Galaxy is Among Earliest Ever Observed", Aug 2023, confirmation of Maisie's Galaxy at $z = 11.4$
- "Webb Telescope Detects Most Distant Active Supermassive Black Hole", July 2023, identification of a $z \sim 8.7$ AGN from from the *JWST* CEERS program
- "Wide View of Early Universe Hints at Galaxy Among the Earliest Ever Detected", Aug 2022, first imaging and early results from *JWST* CEERS program

Selected Outreach Activities

- Invited speaker at the Austin Forum — July 2024
- Invited speaker at the Capital of TX Undergrad Research Conference — March 2024
- Invited speaker at the UT Lifetime Learning Program — Feb 2022
- Invited speaker at the Houston Space Center for talk on *JWST* — Dec 2021
- Invited speaker at the "Keck Observatory Public Talk Series" — Sept 2021
- Speaker at ATX Astronomy on Tap — 2015, 2016, 2017, 2018, 2019, 2020

Observing Experience

Since 2005, **I have observed ∼70 nights** using these telescopes/instruments: Keck/MOSFIRE, Keck/NIRSPEC, Keck NIRES, Keck/LRIS, Magellan/MMIRS, Magellan/IMACS, MMT/Megacam, MMT/SWIRC, KPNO 4m/NEWFIRM, KPNO 4m/MOSAIC, CTIO 4m/MOSAIC II, McDonald 2.7m/VIRUS-P and Steward Bok 90"/90 Prime.

Refereed Publications: First Author

1. Finkelstein, S. L., Bagley, M. B., Arrabal Haro, P. et al. **2025**, *The Cosmic Evolution Early Release Science Survey (CEERS)*, ApJL in Press
2. Finkelstein, S. L., Leung, G. C. K., Bagley, M. B., et al. **2024**, *The Complete CEERS Early Universe Galaxy Sample: A Surprisingly Slow Evolution of the Space Density of Bright Galaxies at $z \sim 8.5$–14.5*, ApJL, 969, L2
3. Finkelstein, S. L., Bagley, M. B., Ferguson, H. C., et al. **2023**, *CEERS Key Paper. I. An Early Look into the First 500 Myr of Galaxy Formation with JWST*, ApJL, 946, L13
4. Finkelstein, S. L. et al. **2022**, *A Long Time Ago in a Galaxy Far, Far Away: A Candidate $z \sim 12$ Galaxy in Early JWST CEERS Imaging*, Astrophysical Journal Letters, 940, 55
5. Finkelstein, S. L. and Bagley, M. **2022**, *On the Co-Evolution of the AGN and Star-Forming Galaxy Ultraviolet Luminosity Functions at $3 < z < 9$*, Astrophysical Journal, 938, 25
6. Finkelstein, S. L. et al. **2022**, *A Census of the Bright $z = 8.5$–11 Universe with the Hubble and Spitzer Space Telescopes*, Astrophysical Journal, 928, 52
7. Finkelstein, S. L. et al. **2019**, *Conditions for Reionizing the Universe with A Low Ionizing Photon Escape Fraction*, Astrophysical Journal, 879, 36
8. *Invited Review Article:* Finkelstein, S. L. **2016**, *Observational Searches for Star-Forming Galaxies at $z > 6$*, Publications of the Astronomical Society of Australia, 33, 37
9. Finkelstein, S. L., Song, M., Behroozi, P. et al. **2015**, *An Increasing Stellar Baryon Fraction in Bright Galaxies at High Redshift*, Astrophysical Journal, 814, 95
10. Finkelstein, S. L., Ryan R, Papovich, C. et al. **2015**, *The Evolution of the Galaxy Rest-Frame Ultraviolet Luminosity Function over the First Two Billion Years*, Astrophysical Journal, 810, 71
11. Finkelstein, S. L., Papovich, C., Dickinson, M., et al. **2013**, *The Discovery of a Rapidly Star-forming Galaxy 700 Million Years After the Big Bang at $z = 7.51$*, Nature, 502, 524
12. Finkelstein, S. L., Papovich, C., Ryan, R., Pawlik, A., Dickinson, M., Ferguson, H., Finlator, K., Koekemoer, A., Giavalisco, M. and the CANDELS Team **2012**, *CANDELS: The Contribution of the Observed Galaxy Population to Cosmic Reionization*, Astrophysical Journal, 758, 93
13. Finkelstein, S. L., Papovich, C., Salmon, B., Finlator, K., Dickinson, M., Ferguson, H., Giavalisco, M., Koekemoer, A., Reddy, N. and the CANDELS Team **2012**, *CANDELS: The Evolution of Galaxy Rest-Frame Ultraviolet Colors from $z = 8 - 4$*, Astrophysical Journal, 756, 164
14. Finkelstein, S. L., Cohen, S. H., Windhorst, R. A., Ryan, R. E., Hathi, N. P., Finkelstein, K. D. and the WFC3 ERS Team **2011**, *Hubble Space Telescope Imaging of Lyman Alpha Emission at $z = 4.4$*, Astrophysical Journal, 735, 5
15. Finkelstein, S, L., Cohen, S. H., Moustakas, J., Malhotra, S., Rhoads, J. E. & Papovich, C. **2011**, *Dust Extinction and Metallicities of Star-Forming Lyman Alpha Emitting Galaxies at Low Redshift*, Astrophysical Journal, 733, 117

16. Finkelstein, S. L., Hill, G. J. & Gebhardt, K. et al. **2011**, *The HETDEX Pilot Survey III: The Low Metallicities of High-Redshift Lyman Alpha Galaxies*, Astrophysical Journal, 729, 140

17. Finkelstein, S. L., Papovich, C., Giavalisco, M., Reddy, N., Ferguson, H., Koekemoer, A. & Dickinson, M. **2010**, *On the Stellar Populations and Evolution of Star–Forming Galaxies at 6.3 $< z <$ 8.6*, Astrophysical Journal, 719, 1250

18. Finkelstein, S. L., Cohen, S. H., Malhotra, S., Rhoads, J. E., Papovich, C., Zheng, Z., Wang, J. **2009**, *A Plethora of AGN Among Lyman Alpha Galaxies at Low Redshift*, Astrophysical Journal, 703, L162

19. Finkelstein, S. L., Papovich, C., Rudnick, G., Egami, E., Le Floc'h, E., Rieke, M., Rigby, J. & Willmer, C. **2009**, *Turning Back the Clock: Inferring the History of the 8 O'clock Arc*, Astrophysical Journal, 700, 376

20. Finkelstein, S. L., Cohen, S., Malhotra, S. & Rhoads, J. E. **2009**, *Evolution of Lyman Alpha Galaxies: Stellar Populations at $z \sim$ 0.3*, Astrophysical Journal, 700, 276

21. Finkelstein, S. L., Malhotra, S. Rhoads, J. E., Hathi, N. P. & Pirzkal, N. **2009**, *The Expected Detection of Dust Emission from High-Redshift Lyman Alpha Galaxies*, Monthly Notices of the Royal Astronomical Society, 393, 1174

22. Finkelstein, S. L., Rhoads, J. E., Malhotra, S. & Grogin, N. **2009**, *Lyman Alpha Galaxies: Primitive, Dusty or Evolved?*, Astrophysical Journal, 691, 465

23. Finkelstein, S. L., Rhoads, J. E., Malhotra, S., Grogin, N. & Wang, J. **2008**, *Effects of Dust Geometry in Lyman Alpha Galaxies at z = 4.4*, Astrophysical Journal, 678, 655

24. Finkelstein, S. L., Rhoads, J. E., Malhotra, S., Pirzkal, N. & Wang, J. **2007**, *The Ages and Masses of Lyman Alpha Galaxies at $z \sim$ 4.5*, Astrophysical Journal, 660, 1023

25. Finkelstein, S. L. & Morse, J. A. et al. **2006**, *Optical Structure and Proper-Motion Age of the Oxygen-rich Supernova Remnant 1E 0102-7219 in the Small Magellanic Cloud*, Astrophysical Journal, 641, 919

Refereed Publications: Led by my students and postdocs († =undergrad lead)

26. Jeon, J., Liu, B., Taylor, A., Kokorev, V., Chisholm, J., Kocevski, D., Finkelstein, S. L. & Bromm, V. **2025**, *The Emerging Black Hole Mass Function in the High-Redshift Universe*, ApJ Submitted

27. Chávez Ortiz, Ó. A., Leung. G., Finkelstein, S. L.,et al. **2024**, *The Lyα Dependence on Nebular Properties from the HETDEX and MOSDEF Surveys*, ApJ, under review

28. Taylor, A. J., Finkelstein, S. L., Kocevski, D. D., et al. **2024**, *Broad-Line AGN at* $3.5 < z < 6$*: The Black Hole Mass Function and a Connection with Little Red Dots*, ApJ Submitted, arXiv:2409.06772

29. Jeon, J., Bromm, V., Liu, B., & Finkelstein, S. L. **2024**, *Physical Pathways for JWST-Observed Supermassive Black Holes in the Early Universe*, ApJ, 979, 127

30. Morales, A., Finkelstein, S., Bagley, M., et al. **2024**, *Galaxy Rest-Frame UV Colors at $z \sim$ 2-4 with HST UVCANDELS*, ApJ Submitted, arXiv:2405.20901

31. Chworowsky, K., Finkelstein, S. L., Boylan-Kolchin, M., et al. **2024**, *Evidence for a Shallow Evolution in the Volume Densities of Massive Galaxies at* $z = 4$*–8 from CEERS*, AJ, 168, 113

32. Bagley, M. B., Pirzkal, N., Finkelstein, S. L., et al. **2024**, *The Next Generation Deep Extragalactic Exploratory Public (NGDEEP) Survey*, ApJL, 965, L6

33. Morales, A. M., Finkelstein, S. L., Leung, G. C. K., et al. **2024**, *Rest-frame UV Colors for Faint Galaxies at* $z \sim 9$*–16 with the JWST NGDEEP Survey*, ApJL, 964, L24

34. Bagley, M. B., Finkelstein, S. L., Rojas-Ruiz, S., et al. **2024**, *Bright* $z \sim 9$ *Galaxies in Parallel: The Bright End of the Rest-frame UV Luminosity Function from HST Parallel Programs*, ApJ, 961, 209

35. Leung, G. C. K., Finkelstein, S. L., Weaver, J. R., et al. **2023**, *The Spitzer-HETDEX Exploratory Large-Area Survey. IV. Model-based Multiwavelength Photometric Catalog*, ApJS, 269, 46

36. Fujimoto, S., Finkelstein, S. L., Burgarella, D., et al. **2023**, *ALMA FIR View of Ultra-high-redshift Galaxy Candidates at* $z \sim$ *11-17: Blue Monsters or Low-z Red Interlopers?*, ApJ, 955, 130

37. Chávez Ortiz, Ó. A., Finkelstein, S. L., Davis, D., et al. **2023**, *Introducing the Texas Euclid Survey for Ly*α *(TESLA) Survey: Initial Study Correlating Galaxy Properties to Ly*α *Emission*, ApJ, 952, 110

38. Chworowsky, K., Finkelstein, S. L., Spilker, J. S., et al. **2023**, *ALMA 1.1 mm Observations of a Conservative Sample of High-redshift Massive Quiescent Galaxies in SHELA*, ApJ, 951, 49

39. † Tardugno Poleo, V., Finkelstein, S. L., Leung, G., et al. **2023**, *Identifying Active Galactic Nuclei at* $z \sim 3$ *from the HETDEX Survey Using Machine Learning*, AJ, 165, 153

40. Leung, G. C. K., Bagley, M. B., Finkelstein, S. L., et al. **2023**, *NGDEEP Epoch 1: The Faint End of the Luminosity Function at* $z \sim 9$*–12 from Ultradeep JWST Imaging*, ApJL, 954, L46

41. Larson, R. L., Finkelstein, S. L., Kocevski, D. D., et al. **2023**, *A CEERS Discovery of an Accreting Supermassive Black Hole 570 Myr after the Big Bang: Identifying a Progenitor of Massive z ¿ 6 Quasars*, ApJL, 953, L29

42. Fujimoto, S., Arrabal Haro, P., Dickinson, M., Finkelstein, S. L., et al. **2023**, *CEERS Spectroscopic Confirmation of NIRCam-Selected* $z > 8$ *Galaxy Candidates with JWST/NIRSpec: Initial Characterization of their Properties*, ApJL, 949, L25

43. Bagley, M. B., Finkelstein, S. L., Koekemoer, A. M., et al. **2023**, *CEERS Epoch 1 NIRCam Imaging: Reduction Methods and Simulations Enabling Early JWST Science Results*, ApJL, 946, L12

44. Jeon, J., Liu, B., Bromm, V., & Finkelstein, S. L. **2023**, *Observability of low-luminosity AGNs in the early Universe with JWST*, MNRAS, 524, 176

45. †Laseter, I. H., Finkelstein, S. L., Bagley, M. J., et al. **2022**, *A Search for Lensed Ly*α *Emitters within the Early HETDEX Data Set*, ApJ, 940, 9

46. McCarron, A. P., Finkelstein, S. L., Chavez Ortiz, O. A., et al. **2022**, *Stellar Populations of Ly*α*-emitting Galaxies in the HETDEX Survey. I. An Analysis of LAEs in the GOODS-N Field*, ApJ, 936, 131

47. Jeon, J., Bromm, V. and Finkelstein, S. **2022**, *Maximal X-ray feedback in the pre-reionization universe*, Monthly Notices of the Royal Astronomical Society, 515, 5568

48. Larson, R., Finkelstein, S., Hutchison ,T. et al. **2022**, *Searching for Islands of Reionization: A Potential Ionized Bubble Powered by a Spectroscopic Overdensity at z = 8.7*, Astrophysical Journal, 930, 104

49. Stevans, M., Finkelstein, S., Kawinwanichakij, N. et al. **2021**, *The NEWFIRM HETDEX Survey: Photometric Catalog and the Quiescent Fraction of Massive Galaxies at z = 3-5 over 17.5 deg^2 in the SHELA Field*, Astrophysical Journal, 921, 58

50. Jung, I., Finkelstein, S., Dickinson, M. et al. **2020**, *Texas Spectroscopic Search for Lyα Emission at the End of Reionization III. The Lyα Equivalent-width Distribution and Ionized Structures at $z > 7$*, Astrophysical Journal, 904, 144

51. † Rojas-Ruiz, S., Finkelstein, S. Bagley, M. et al. **2020**, *Probing the Bright End of the Rest-Frame Ultraviolet Luminosity Function at z = 8–10 with* **Hubble** *Pure-Parallel Imaging*, Astrophysical Journal, 891, 146

52. Indahl, B., Ziemann, G., Hill, G., Finkelstein, S. L. et al. **2019**, *HETDEX Pilot Survey. VI. [OIII] Emitters and Expectations for a Local Sample of Star Forming Galaxies in HETDEX*, Astrophysical Journal, 883, 114

53. Jung, I., Finkelstein, S., Dickinson, M. et al. **2019**, *Texas Spectroscopic Search for Lyα Emission at the End of Reionization II. The Deepest Near-Infrared Spectroscopic Observation at $z > 7$*, Astrophysical Journal, 877, 146

54. Jaacks, J., Finkelstein, S. & Bromm, V. **2019**, *Legacy of star formation in the pre-reionization universe*, Monthly Notices of the Royal Astronomical Society, 488, 2202

55. Wold, I., Finkelstein, S., et al. **2019**, *The Spitzer-HETDEX Exploratory Large Area Survey. II. The Dark Energy Camera and Spitzer/IRAC Multiwavelength Catalog*, Astrophysical Journal Supplements, 240, 5

56. Jung, I., Finkelstein, S., Livermore, R. et al. **2018**, *Texas Spectroscopic Search for Lyα Emission at the End of Reionization I. Constraining the Lyα Equivalent-width Distribution at 6.0 ¡ z ¡ 7.0*, Astrophysical Journal, 864, 103

57. Stevans, M., Finkelstein, S., Wold ,I. et al. **2018**, *Bridging Star-Forming Galaxy and AGN Ultraviolet Luminosity Functions at z= 4 with the SHELA Wide-Field Survey*, Astrophysical Journal, 863, 63

58. Larson, R., Finkelstein, S., Pirzkal ,N. et al. **2018**, *Discovery of a z = 7.452 High Equivalent Width Lyman-α Emitter from the Hubble Space Telescope Faint Infrared Grism Survey*, Astrophysical Journal, 858, 94

59. Jaacks, J., Finkelstein, S. & Bromm, V. **2018**, *Dust extinction in the first galaxies*, Monthly Notices of the Royal Astronomical Society, 475, 3883

60. Jaacks, J., Thompson, R., Finkelstein, S. & Bromm, V. **2018**, *Baseline Metal Enrichment from Population III Star Formation in Cosmological Volume Simulations*, Monthly Notices of the Royal Astronomical Society, 475, 4396

61. Wold, I., Finkelstein, S., Barger, A., Cowie, L. & Rosenwasser **2017**, *A Faint Flux-Limited Lyman Alpha Emitter Sample at $z \sim$ 0.3*, Astrophysical Journal, 848, 108

62. Livermore, R., Finkelstein, S., & Lotz, J. **2017**, *Directly Observing the Galaxies Likely Responsible for Reionization*, Astrophysical Journal, 835 113

63. Jung, I., Finkelstein, S. et al. **2017**, *Evidence for the Suppression of Star-Formation in the Centers of Massive Galaxies at* $z = 4$, Astrophysical Journal, 834, 81

64. Song, M., Finkelstein, S. et al. **2016**, *Keck/MOSFIRE Spectroscopy of* $z = 7$*-8 Galaxies: Lyman-alpha Emission from a Galaxy at* $z = 7.66$, Astrophysical Journal, 826, 113

65. Song, M., Finkelstein, S. et al. **2016**, *The Evolution of the Galaxy Stellar Mass Function at* $z = 4$*–8: A Steepening Low-Mass-End Slope with Increasing Redshift*, Astrophysical Journal, 825, 5

66. Jaacks, J., Finkelstein, S. & Nagamine, K. **2016**, *Connecting the Dots: Tracking Galaxy Evolution Using Constant Cumulative Number Density at* $z = 3$*–7*, Astrophysical Journal, 817, 174

67. Song, M., Finkelstein, S. et al. **2014**, *The HETDEX Pilot Survey. V. The Physical Origin of Ly*α *Emitters Probed by Near-infrared Spectroscopy*, Astrophysical Journal, 791,3

Refereed Publications: 2nd or 3rd Author

68. Narayanan, D., Stark, D. P., Finkelstein, S. L., et al. **2024**, *The Ultraviolet Slopes of Early Universe Galaxies: The Impact of Bursty Star Formation, Dust, and Nebular Continuum Emission*, ApJ, 982, 7

69. Venditti, A., Bromm, V., Finkelstein, S. L., et al. **2024**, *A hide-and-seek game: Looking for Population III stars during the Epoch of Reionization through the HeII*λ*1640 line*, A&A Submitted, arXiv:2405.10940

70. Kocevski, D. D., Finkelstein, S. L., Barro, G., et al. **2024**, *The Rise of Faint, Red AGN at* $z > 4$*: A Sample of Little Red Dots in the JWST Extragalactic Legacy Fields*, ApJ Submitted, arXiv:2404.03576

71. Cole, J. W., Papovich, C., Finkelstein, S. L., et al. **2024**, *CEERS: Increasing Scatter along the Star-Forming Main Sequence Indicates Early Galaxies Form in Bursts*, ApJ Submitted, arXiv:2312.10152

72. Jung, I., Finkelstein, S. L., Arrabal Haro, P., et al. **2024**, *CEERS: Diversity of Ly*α *Emitters during the Epoch of Reionization*, ApJ, 967, 73

73. Rojas-Ruiz, S., Mazzucchelli, C., Finkelstein, S. L., et al. **2024**, *Exploring the Mpc Environment of the Quasar ULAS J1342+0928 at* $z = 7.54$, ApJ, 967, 27

74. Urbano Stawinski, S. M., Cooper, M. C., Finkelstein, S. L., et al. **2024**, *Deeper than DEEP: a spectroscopic survey of z ¿ 3 Ly* α *emitters in the Extended Groth Strip*, MNRAS, 528, 5624

75. Arrabal Haro, P., Dickinson, M., Finkelstein, S. L., et al. **2023**, *Spectroscopic Confirmation of CEERS NIRCam-selected Galaxies at* $z = 8$*-10*, ApJL, 951, L22

76. Yung, L. Y. A., Somerville, R. S., Finkelstein, S. L., Wilkins, S. M., & Gardner, J. P. **2024**, *Are the ultra-high-redshift galaxies at* $z > 10$ *surprising in the context of standard galaxy formation models?*, MNRAS, 527, 5929

77. Venditti, A., Bromm, V., Finkelstein, S. L., Graziani, L., & Schneider, R. **2024**, *The first fireworks: A roadmap to Population III stars during the epoch of reionization through pair-instability supernovae*, MNRAS, 527, 5102

78. Arrabal Haro, P., Dickinson, M., Finkelstein, S. L., et al. **2023**, *Confirmation and refutation of very luminous galaxies in the early Universe*, Nature, 622, 707

79. Champagne, J. B., Casey, C. M., Finkelstein, S. L., et al. **2023**, *A Mixture of LBG Overdensities in the Fields of Three 6 ¡ z ¡ 7 Quasars: Implications for the Robustness of Photometric Selection*, ApJ, 952, 99

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